

What is claimed is:

1. A mobile terminal device with a camera comprising:  
  
two casings which are overlapped on each other;  
  
connecting section for connecting said two casings so that said two casings rotate around an axial line in parallel with a direction in which said two casings are overlapped; and  
  
a camera module disposed inside of said connecting section with an optical axis of said camera module in parallel with said axial line.
2. A mobile terminal device with a camera according to Claim 1 further comprising a display section which displays an image which is taken by said camera module, wherein said display section is disposed so as to be orthogonal substantially to said axial line of either one of said two casings.
3. A mobile terminal device with a camera according to Claim 2 further comprising a sensor which measures a relative angle made by one of said two casings on which said camera module is disposed and the other of said two casings on which said display section is disposed, wherein an image which is taken by said camera module is displayed on said display section in a rotated manner according to the measurement result by said sensor.
4. A mobile terminal device with a camera according to Claim 2 wherein said camera module is fixed to said casing in which said display section is disposed.

5. A mobile terminal device with a camera according to Claim 3, wherein an image which is taken by said camera module is rotated by 90 degrees with no change to the aspect ratio of said image and then is displayed on said display section when the measurement result is that said relative angle is 90 degrees.
6. A mobile terminal device with a camera according to Claim 1, wherein said mobile terminal device with a camera is a portable telephone.
7. A mobile terminal device with a camera, comprising:
  - two casings which can be overlapped on each other;
  - a connecting section for connecting said two casings so that said two casings rotate around an axial line in parallel with a direction in which said two casings are overlapped, wherein said connecting section has a fixed base member which is fixed on one of said two casings and a movable base member which is fixed on the other of said two casings and is fit in the peripheral surface of said fixed base member rotatably around said axial line;
  - a hollow space provided in said fixed base member; and
  - a camera module disposed inside of said hollow space, with an optical axis in parallel with said axial line.
8. A mobile terminal device with a camera according to Claim 7, further comprising:
  - a fixed cylinder as part of said camera module, which acts as a casing for said camera module;
  - a cam cylinder as part of said camera module, which is fit in the peripheral surface of said fixed cylinder movably along said axial line;

a linear groove provided on the peripheral wall of said fixed cylinder in parallel with said axial line;

a cam groove provided on the peripheral wall of said cam cylinder in parallel with said axial line; and

a pin provided with a lens on the tip thereof, which penetrates said linear groove to connect with said cam groove movably along said axial line.

9. A mobile terminal device with a camera according to Claim 7, wherein said mobile terminal device with a camera is a portable telephone.